

AMENDMENT TO THE SPECIFICATION:

Please replace the paragraph beginning at page 15, line 21 with the following:

In the embodiment illustrated, the basic interface used is a four line interface between microcontroller 232 and base station 218. This interface permits use of a Category Five patch cable to connect the microcontroller 232 and base station 218 in one embodiment, but of course, this is not to be considered limiting. The four wire interface 226 of the present embodiment can be functionally divided into two functional portions. A data transport portion 242 carries two data lines in the current embodiment. A clock portion 246 carries a data clock plus the microcontroller clock signal for the microcontroller 232. Three additional lines are also provided (not shown) for supply, ground and reset line. But, the data transport portion 242 and the clock portion 246 are of primary interest, since the supply and reset functions can be readily provided in any other suitable manner.

VERSION OF AMENDMENT WITH CHANGES SHOWN:

In the embodiment illustrated, the basic interface used is a four line interface between microcontroller 232 and base station 218. This interface permits use of a ~~production five wires~~ Category Five patch cable to connect the microcontroller 232 and base station 218 in one embodiment, but of course, this is not to be considered limiting. The four wire interface 226 of the present embodiment can be functionally divided into two functional portions. A data transport portion 242 carries two data lines in the current embodiment. A clock portion 246 carries a data clock plus the microcontroller clock signal for the microcontroller 232. Three additional lines are also provided (not shown)

for supply, ground and reset line. But, the data transport portion 242 and the clock portion 246 are of primary interest, since the supply and reset functions can be readily provided in any other suitable manner.